

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application Of: ) Confirmation No.: 5249  
Lyubov RYABOVA, et al. )  
U.S. Application Number: 10/522,879 ) Group Art Unit: 1652  
Filing Date: September 30, 2005 )  
Int'l Application No.: PCT/IB2003/003936 ) Examiner: Rebecca E. PROUTY  
Int'l Filing Date: July 25, 2003 )  
For: METHODS AND COMPOSITIONS FOR *IN VITRO*  
SYNTHESIS OF BIOLOGICAL MACROMOLECULES IN A  
CELL-FREE SYSTEM ENRICHED WITH ATP-  
SULFURYLASE

**Mail Stop AF**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

**AMENDMENT AND RESPONSE TO FINAL OFFICE ACTION**

Sir:

Applicants provide the following amendment and remarks in response to the Final Office Action mailed October 16, 2007 (hereinafter "Office Action"), in the above-captioned application. This response is being submitted within the shortened statutory period for reply; therefore, it is believed that no fees are due in connection with this Amendment.

**Amendments to the Specification begin on page 2 of this paper.**

**Amendments to the Claims** are reflected in the listing of claims which begins on page 4 of this paper.

**Remarks** begin on page 6 of this paper.